Algebra Review Sheet

The best review problems come from old tests. You should be able to do all the problems as well as the bonus questions. You should have tests from chapters 3-7. (Chapter 8 will not be on the exam.)

You will be able to use a calculator on the entire exam.

Here are some additional problems and topics discussed in each chapter.

Chapter 3 Solving Equations

* Variables on both sides of an equation
* Proportions
* Percent problems
* Pg 193 13-27 odd, 37-39, 49-52, 53-55

Chapter 4 Relations, Functions, and Graphing

* Cartesian Coordinate System
* Relations and Functions (tables, mappings, sets, graphs)
* Domain and Range
* Independent and Dependent Variables
* Graphing
* Pg 273 15-20, 29, 30 ; pg 56 35-38

Chapter 5 Writing Linear Equations

* Equation of a line
* Equation for slope
* Graphing
* Creating an equation given slope and a point or two points
* Parallel and perpendicular lines
* Pg 346 8-13, 18, 19

Chapter 6 Inequalities

* Single-variable and two-variable inequalities
* Graphing
* Pg 415 5-15 odd, 21, 22, 41, 42

Chapter 7 Systems of Equations

* Substitution and elimination
* What the solutions represent
* Pg 476 8-10, 13-21 odd, 27-29

Please see me if you have any questions. ☺ ☺